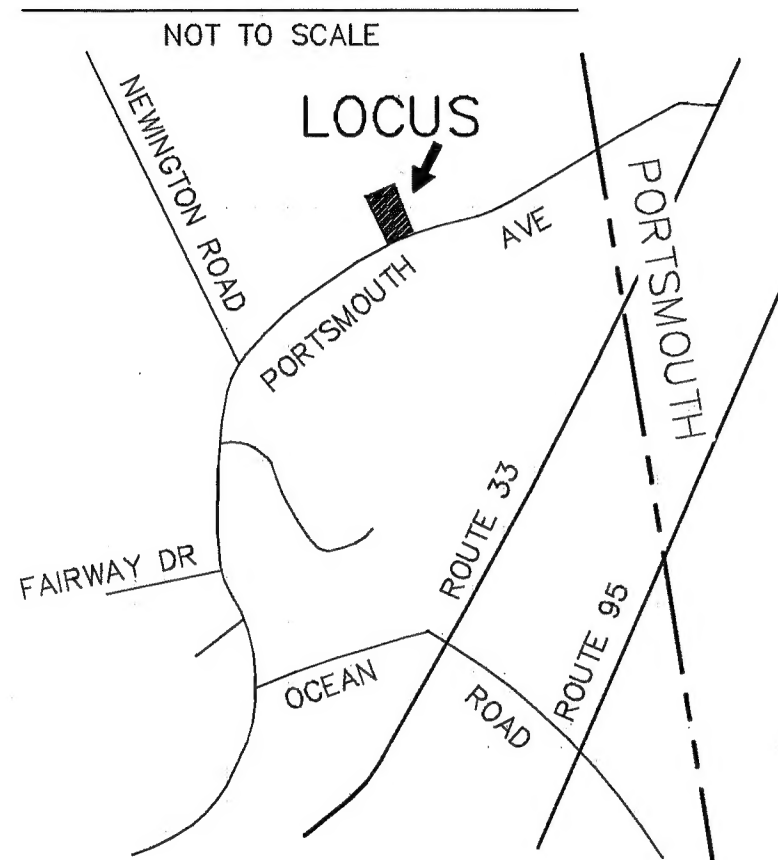


LOCUS MAP



SOIL CLASS: 460 PENNICHUCK
(SOURCE: USDA-SCS SOIL SURVEY)

BENCH MARKS: DATUM = ASSUMED

- #1 TOP OF IRON PIN EL 57.63 (1.5' UP)
- #2 SET NAIL ROOT 24" HICKORY EL 54.58
- #3 SET NAIL ROOT EL 49.18

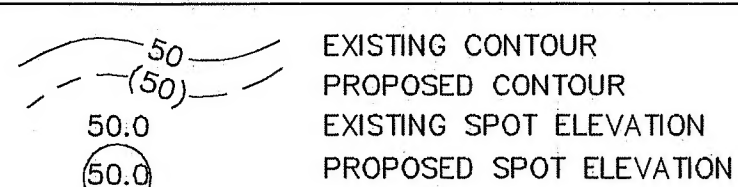
DESIGN INTENT:

1. THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM SHALL BE CONSTRUCTED AT ELEVATION 54.0
2. THERE IS/ARE APPROX 0.5' FT BELOW ORIGINAL (EL GROUND ON THE HIGH CONTOUR THE DESIGNED EDS. 54.5)

SUITABLE REPLACEMENT AREA:

SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.

LEGEND:

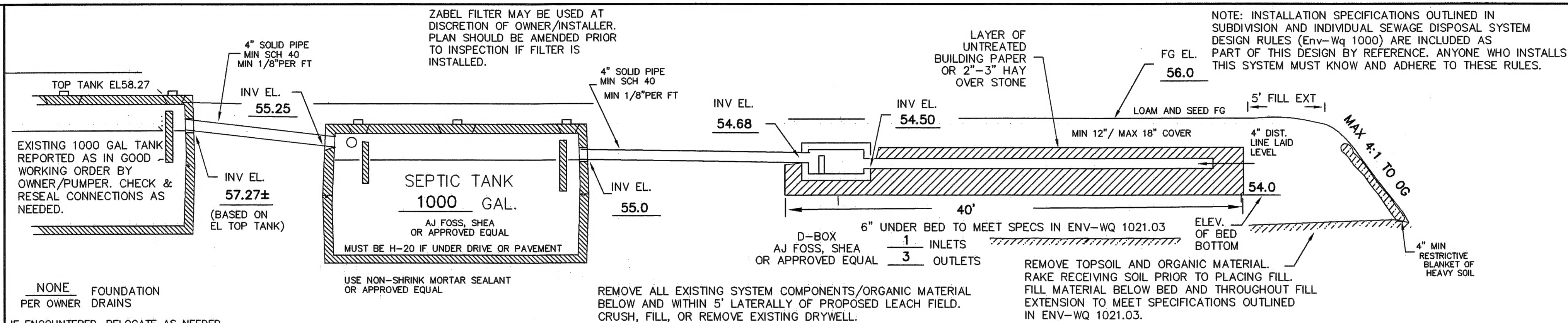


NOTES:

1. THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE:
RCRD PLAN D34576
2. NHDES-WS&PCD SUBDIVISION APPROVAL NUMBER: N/A LOT OF RECORD
3. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL, JACUZZI BATH, OR SEWAGE EJECTOR PUMP WASTE. BACKWASH FROM WATER SOFTENER SYSTEMS SHOULD BE DISCHARGED TO A SEPARATE DRYWELL.
4. a) NO SURFACE WATER WITHIN 75' OF
b) NO WELLS WITHIN 75' OF
c) NO HYDRIC B SOILS WITHIN 50' OF
d) NO HYDRIC A SOILS WITHIN 75' OF
PROPOSED SYSTEM
5. DESIGNER MUST BE CONSULTED FOR ANY PROPOSED CHANGES OR ERRORS/DISCREPANCIES FOUND DURING SYSTEM INSTALLATION. (603 929-7404)
INSTALLER IS RESPONSIBLE FOR ANY TOWN PERMITS OR INSPECTIONS REQUIRED FOR THIS INSTALLATION.

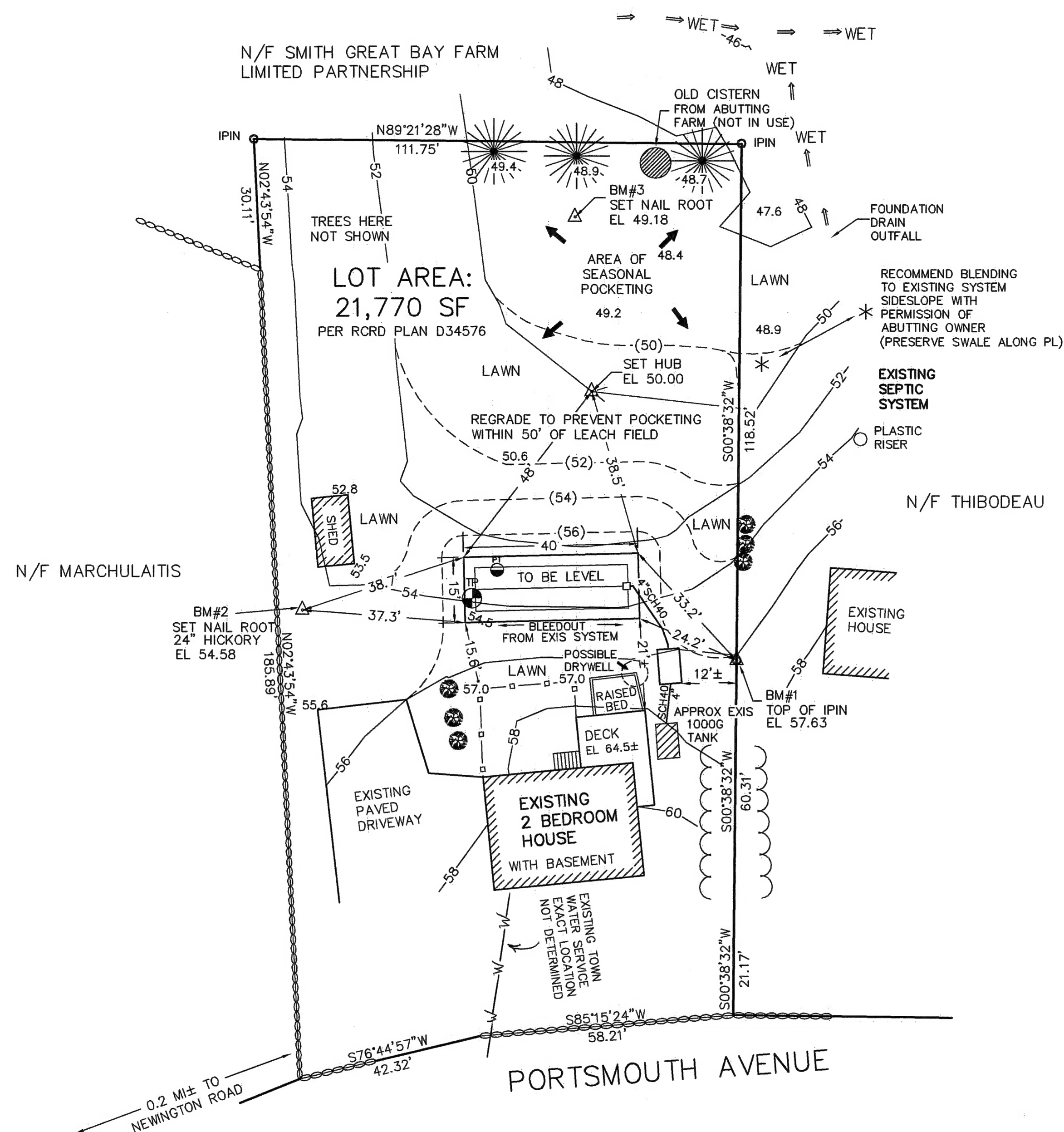
PLOT PLAN

1"=APPROX



CROSS SECTION DISPOSAL SYSTEM - NOT TO SCALE

PLAN : 1"=20'



TOWN OF GREENLAND
REQUIREMENTS INCLUDE:
4' TO ESHWT, IMPERMEABLE
5' TO LEDGE
20' TO PROPERTY LINES

WAIVERS ARE REQUESTED FROM ANY
APPLICABLE TOWN REQUIREMENTS
AS NEEDED TO PERMIT CORRECTION
OF SYSTEM FAILURE.

TEST PIT DATA

DATE: APRIL 10, 2009

TOWN INSPECTOR: BOB CUSHMAN

TEST PIT #1 EL 54.0

- 0-12" 10YR3/4 FINE SANDY LOAM TOPSOIL GRANULAR, FRIABLE
- 12-30" 10YR4/6 GRAVELLY FINE SANDY LOAM GRANULAR, FRIABLE
- 30-38" 2.5Y5/4 GRAVELLY FINE SANDY LOAM MASSIVE, FRIABLE
- 38-72" 2.5Y4/4 GRAVELLY LOAMY SAND MASSIVE, FIRM IN PLACE, RESTRICTIVE
- ESHWT @ 38", OBSERVED WATER @ 42", ROOTS TO 42", NO REFUSAL

PERC TEST DATA

DATE: APRIL 10, 2009

DESIGN PERC RATE: 10 MIN/IN @ 30"

DESIGN LOADING: 2 BEDROOMS

AREA REQUIRED: 550 SF

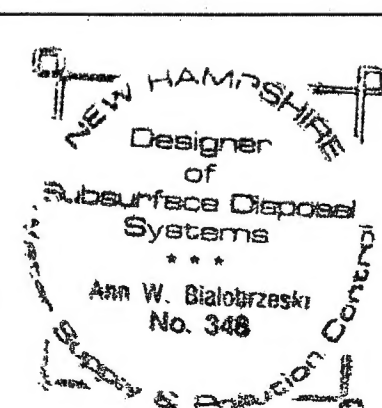
AREA PROPOSED: 15' X 40' = 600 SF PROVIDED

PROPOSED REPLACEMENT SEPTIC SYSTEM PLAN

EXISTING FAILED SYSTEM

LOCUS: 82 PORTSMOUTH AVENUE
TAX MAP R22 LOT 26
GREENLAND, NH 03840

OWNER: DOUGLAS & LAURIE LORENZ
82 PORTSMOUTH AVENUE
GREENLAND, NH 03840



APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03843-1306
603 929-7404

DATE: APRIL 15, 2009

APPROVAL: CA2009096748

SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS

- ENV-WS 1023.01 (a) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR.
- ENV-WS 1023.04 (b) WHEN THE COMBINED THICKNESS OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER.
- ENV-WS 1023.02 TO PREVENT OBSTRUCTION OF THE DISTRIBUTION LINES AND LEACH FIELD, GREASE AND BULKY WASTE SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

- ENV-WS 1023.03 TOXIC AND HAZARDOUS MATERIALS SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.
- ENV-WS 1023.04 TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND LEACH FIELD, VEHICLES, LIVESTOCK, AND OTHER HEAVY OBJECTS SHALL NOT BE ALLOWED ON THE LEACH FIELD.
- ENV-WS 1023.05 IF WET AREAS APPEAR ON THE GROUND SURFACE ABOVE THE DISTRIBUTION LINES OR LEACH FIELD OR IF DISAGREEABLE ODORS OCCUR, THE SYSTEM SHALL BE INSPECTED FOR THE SOURCE OF THESE PROBLEMS, AND CORRECTIVE ACTION SHALL BE TAKEN.